

# NEW PAVEMENT NOTES :

1. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS, 1 1/2" MAXIMUM AGGREGATE SIZE, 4" MAX. SLUMP, 5.5 SACKS PER C.Y. OF TYPE II PORTLAND CEMENT. MATCH ADJACENT FINISH.
2. PREPARE ROUGHENED SURFACE @ EDGES OF EXISTING CONCRETE AND PROVIDE A CLEAN, SOUND SURFACE, APPLY BONDING AGENT (CONCRESEIVE 1001 LPL, BURKE 881 LOW VISCOSITY LPL OR EQUAL) TO EDGE SURFACE WITHIN 2 HOURS OF CONCRETE POUR.
3. DRILL 7/8" HOLES x 6" DEEP AT 18" O.C. ALONG BOTH VERTICAL EDGES OF EXISTING SLAB, STAGGERING SPACING. FILL HOLES WITH SAME BONDING AGENT AS ABOVE AND INSERT #5x18" LONG REINFORCEMENT BAR AT EACH HOLE. HOLES MUST BE CLEANED OUT BY AIR-BLOWING PRIOR TO APPLYING BINDING AGENT.
4. PROVIDE #4 BARS AT 12" O.C. (2 BARS MIN.) CONTINUOUS ALONG LENGTH OF NEW CONCRETE SLAB AND #4 CROSS BARS AT 18" O.C. SUPPORT BARS ON 3" CONCRETE DOBIES AT 3'-0" O.C. AND PROVIDE 1'-8" MINIMUM LAP SPLICES.
5. PROVIDE WET-CURING BY FOG-SPRAYING SURFACE OF SLAB IMMEDIATELY AFTER FINISHING AND COVERING WITH CURING PAPER FOR AT LEAST 14 DAYS. CURING PAPER SHALL BE WEIGHTED DOWN TO PREVENT DISPLACEMENT.
6. WHERE REQUIRED TO REPLACE EXISTING, NEW A.C. PAVEMENT SECTION SHALL BE A MIN. OF 2" THICKNESS, OR AS REQUIRED TO MATCH EXISTING OF CLASS B ASPHALTIC CONCRETE WITH 3/8" MINIMUM AAGGREGATE OVER A MINIMUM 8" THICK BASE OF 3/4" MINIMUM BASEROCK, COMPACTED TO 95% MINIMUM COMPACTION.
7. ALIGN AND SLOPE SURFACE @ (N) REINFORCED CONC. CAP W/ EXISTING PAVEMENT TO MAINTAIN EXISTING A SMOOTH EVEN SURFACE AND EXISTING DRAINAGE AT PAVED AREAS.
8. NATIVE SOIL TO BE TESTED BY LBL EH&S SITE RESTORATION GROUP PRIOR TO BACKFILLING & DISPOSAL OF REMAINING SOILS. ALL RE-USE & HANDLING OF NATIVE SOIL TO BE PER EH&S DIRECTION.

## ARCHITECTURAL STANDARD DETAILS TRENCH DETAILS-NEW PAVEMENT NOTES

UNIVERSITY OF CALIFORNIA - LAWRENCE BERKELEY NATIONAL LABORATORY  
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